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**FOURTH
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 1

Application Number	10/550,595
Filing Date	June 22, 2006
First Named Inventor	Takahiro Nagaoka et al.
Examiner Name	Teresa Bonk
Attorney Docket No.	1033010-000107

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/T.B./	US-5,874,816	02-23-1999	Ishii	
/T.B./	US-5,938,196	08-17-1999	Antoja	
/T.B./	US-5,990,919	11-23-1999	Bobb et al.	
/T.B./	US-7,147,179	12-12-2006	Nakagawa et al.	
/T.B./	US-2009/0126824 A1	05-21-2009	Nakagawa et al.	
	US-			
	US-			
	US-			
	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	STATUS						
	Country Code ¹ , Number, Kind Code			Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited In Spec. / Pg. No(s).
/T.B./	EP 0 822 303 A1	02-04-1998	Max Co Ltd							
/T.B./	JP 06-190482 A	07-12-1994	Times Eng KK						X	
/T.B./	JP 06-226386 A	08-16-1994	Times Eng KK						X	
/T.B./	JP 09-076543 A	03-25-1997	Hitachi Ltd						X	
/T.B./	JP 10-045105 A	02-17-1998	Max Co Ltd						X	
/T.B./	JP 10-249469 A	09-22-1998	Chugai Electric Ind Co Ltd						X	
/T.B./	JP 11-104777 A	04-20-1999	Max Co Ltd						X	
/T.B./	JP 11-156748 A	06-15-1999	Max Co Ltd						X	
/T.B./	JP 2002-225813 A	08-14-2002	San Homu KK						X	
/T.B./	SU 1687673	10-30-1991	Zhlobinskoe Proizv OB Iskusstv							

¹Enter Office that issued the document, by the two-letter code.

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/T.B./	Non-Final Office Action in Copending Application No. 12/269,283 to Yasushi Nakagawa et al. dated April 27, 2009.

Examiner Signature	/Teresa Bonk/	Date Considered	02/18/2010
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.